

Listing and Amendments to the Claims

This listing of claims will replace the claims that were published in the PCT Application.

1. (Currently Amended) A method (~~300~~) for enabling a channel search in a signal processing apparatus comprising the steps of:

generating a signal suitable for coupling to a display device for displaying an on-screen menu (~~320~~);

enabling a user to select a plurality of options for said channel search responsive to said on-screen menu (~~330-340~~); and

wherein said plurality of options includes a first option to search at least one of a plurality of inputs to said signal processing apparatus and a second option to search at least one of a plurality of types of channels.

2. (Currently Amended) The method (~~300~~) of claim 1, wherein said plurality of inputs includes a cable input and an antenna input.

3. (Currently Amended) The method (~~300~~) of claim 1, wherein said plurality of types of channels includes digital modulation channels and analog modulation channels.

4. (Currently Amended) The method (~~300~~) of claim 1, wherein said plurality of options further includes a third option to detect a type of signal received via least one of said plurality of inputs (~~350~~).

5. (Currently Amended) The method (~~300~~) of claim 4, wherein said plurality of options further includes a fourth option to search previously found channels (~~360~~).

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6. (Currently Amended) The method ~~(300)~~ of claim 5, further comprised of performing said channel search according to said plurality of options selected by said user ~~(370)~~.

7. (Currently Amended) An apparatus ~~(20)~~ for enabling a channel search, comprising:

memory means ~~(25)~~ for storing data used to generate a signal suitable for coupling to a display device for displaying an on-screen menu;

processing means ~~(24)~~ for enabling a user to select a plurality of options for said channel search responsive to said on-screen menu; and

wherein said plurality of options includes a first option to search at least one of a plurality of inputs to said apparatus ~~(20)~~ and a second option to search at least one of a plurality of types of channels.

8. (Currently Amended) The apparatus ~~(20)~~ of claim 7, wherein said plurality of inputs includes a cable input and an antenna input.

9. (Currently Amended) The apparatus ~~(20)~~ of claim 7, wherein said plurality of types of channels includes digital modulation channels and analog modulation channels.

10. (Currently Amended) The apparatus ~~(20)~~ of claim 7, wherein said plurality of options further includes a third option to detect a type of signal received via least one of said plurality of inputs.

11. (Currently Amended) The apparatus ~~(20)~~ of claim 10, wherein said plurality of options further includes a fourth option to search previously found channels.

12. (Currently Amended) The apparatus ~~(20)~~ of claim 11, wherein said processing means ~~(24)~~ enables performance of said channel search according to said plurality of options selected by said user.

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13. (Currently Amended) A video signal processor ~~(20)~~, comprising:
- a memory ~~(25)~~ operative to store data used to generate a signal suitable for coupling to a display device for displaying an on-screen menu;
 - a controller ~~(24)~~ operative to enable a user to select a plurality of options for a channel search responsive to said on-screen menu; and
- wherein said plurality of options includes a first option to search at least one of a plurality of inputs to said video signal processor ~~(20)~~ and a second option to search at least one of a plurality of types of channels.
14. (Currently Amended) The video signal processor ~~(20)~~ of claim 13, wherein said plurality of inputs includes a cable input and an antenna input.
15. (Currently Amended) The video signal processor ~~(20)~~ of claim 13, wherein said plurality of types of channels includes digital modulation channels and analog modulation channels.
16. (Currently Amended) The video signal processor ~~(20)~~ of claim 13, wherein said plurality of options further includes a third option to detect a type of signal received via least one of said plurality of inputs.
17. (Currently Amended) The video signal processor ~~(20)~~ of claim 16, wherein said plurality of options further includes a fourth option to search previously found channels.
18. (Currently Amended) The video signal processor ~~(20)~~ of claim 17, wherein said controller ~~(24)~~ is further operative to enable performance of said channel search according to said plurality of options selected by said user.